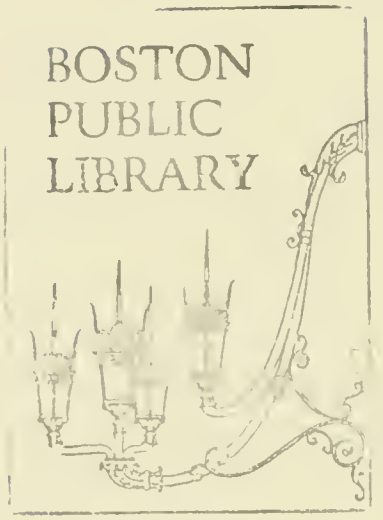
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SUBSURFACE DATA
OF
BOSTON TERMINAL
COMPANY PROPERTY
BOSTON, MASSACHUSETTS

BOSTON REDEVELOPMENT AUTHORITY

ENGINEERING DIVISION

BOSTON, MASSACHUSETTS

AUGUST 1963

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Foreward

This Subsurface Data Report is for the Boston Terminal Corporation Property known as the South Station Area, bounded by Atlantic Avenue, Summer Street, and Dorchester Avenue.

The purpose of this report is to gather and obtain all available subsoil data and boring information within the area for use by the Boston Redevelopment Authority in planning for the future redevelopment of the area.

Existing Borings

Available information and data regarding subsurface explorations previously made within and along the boundaries have been assembled and are presented in descriptive and graphic form hereafter. The soil descriptions used are not entirely consistent since the borings are from many sources and some of the borings were taken over 40 years ago. However, it is believed that the terminology used is not misleading as it is in reasonable agreement with that used by Boring Contractors in the Boston Area. The ground water elevations and blow counts of the sampling spoons are not shown on the descriptive form logs because this information was not available.

Subsurface Conditions

The existing top of ground elevation in this area varies from approximately +15 to +25 (Boston City Base).

The soil borings generally indicate a condition which is quite typical for many sections of the Boston Area. The entire area has a varying depth of fill cover. This fill is underlain by a layer of organic sandy silt. Below this silt is hard to soft clay and below the clay, a layer of granular material which could be classified as a glacial till. The borings which were taken to bedrock indicate that the bedrock below the glacial till is a soft shale.

The fill cover over this area varies from 8 feet to 20 feet in depth. It is a mixture of sand, gravel, silt, cinders, bricks, and wood. Excavations in this fill at some locations in this area have revealed the presence of old piers, wharfs, and piling.

The depth of the sandy silt varies from approximately 10 feet to 30 feet. At some locations the borings indicate shells and soft peat in this sandy silt formation.

The clay layer varies from 30 feet to 100 feet in depth. The top few feet of this formation is a medium to hard yellow clay. The remainder is blue clay generally growing softer with increasing depth.

The anticipated construction problems to be encountered in this area are excessive settlements of any proposed buildings. Although the fill cover is quite deep in some locations and the fill material is granular, major structures are not generally built in fills of unknown origin underlain by two strata of highly compressible soil (silt and clay). The reasons for this are: the behavior

of this fill under building loads is practically impossible to predict with any degree of accuracy, and the highly compressible silt and clay formations would consolidate under building loads even after the predicated settlement was complete.

Both the silt and clay strata are so widespread throughout the Boston Area and their soil properties so well known, that it is justifiable to predict that deep foundations will be required in this area in order to avoid excessive settlements. The foundations could be either piles or caissons driven to or just above bedrock approximately 100 feet down from the ground surface. Another possibility, after extensive investigation, could be the use of so called "floating foundations" where a weight of earth equal to the area load of the building is excavated, thereby eliminating additional loading on the compressible strata.

The South Postal Annex building on Dorchester Avenue in this area was built on concrete caissons down to approximately bedrock. The addition to the above mentioned building is being designed to rest on piles driven to bedrock.

Therefore, it can be concluded that in much of the subject area extensive foundation work will have to be provided for proposed major structures.

The following soil borings (numbered 1 to 33) were taken from a publication of the Boston Society of Civil Engineers.

The location of the borings is shown on the accompanying plan.

The elevations shown on the boring logs refer to Boston City Base.

BORING NO. 1

Elevations

From	To	Description of Material
- 7	-10	Soft black silt
-10	-12	Fine clay. sand
-12	-15	Hard blue clay, sand
-15	-18	Hard yellow clay
-18	-20	Clay, sand
-20	-42	Hard yellow clay

BORING NO. 2

Elevations

From	To	Description of Material
- 9	-11	Silt
-11	-12	Sand
-12	-39	Hard blue clay

BORING NO. 3

Elevations

From	Tc	Description of Material
+ 5	-10	Mud
-10	-20	Hard blue clay
-20	-27	Soft sand and clay
-27	-33	Soft gravel
-33	-39	Hard clay and gravel

BORING NO. 4

Elevations

From	To	Description of Material
+16	+ 9	Fill
+ 9	- 8	Mud
- 8	-11	Soft clay
-11	-19	Hard blue clay
-19	-39	Mud, gravel, soft clay

BORING NO. 5

Elevations

From	Tc	Description of Material
+20	+ 2	Fill; sand, gravel, cinders
+ 2	- 4	Silty sand, gravel, wood
- 4	- 8.	Clay, little sand
- 8	-13	Soft blue clay and sand
-13	-20	Very soft blue clay
-20	-38	Soft blue clay
-38	-57	Clay, sand, gravel; hard
-57	-70	Clay, blue, little sand; very hard

BORING NO. 6

Elevations

From	To	Description of Material
+20	- 1	Fill
- 1	- 4	Very soft black silt, little sand and gravel
- 4	-34	Medium stiff blue clay
-34	-49	Clay, little sand, little gravel
-49	-56	Hard sand, clay, little gravel
-56	-58	Indurated clay Hardpan

BORING NO. 7

Elevations

From	To	Description of Material
+20	+12	Fill; sand, gravel,cinders
+12	+ 4	Fine sand, little clay fill
+ 4	- 1	Silt
- 1	-11	Stiff blue clay
-11	-27	Clay, sand, gravel
-27	-34	Sand, gravel, little clay
-34	-50	Very hard blue clay, little sand

BORING NO. 8

Elevations

From	To	Description of Material
+ 6	-51	Blue clay
-51	-58	Clay, sand, stones

BORING NO. 9

Elevations

From	To	Description of Material
+19	+ 9	Fill
+ 9	+ 4	Hard yellow clay
+ 4	+ 0	Soft blue clay
+ 0	- 7	Soft yellow clay, sand
- 7	-11	Soft blue clay
-11	-28	Little coarse, hard fine sand and gravel

BORING NO. 10

Elevations

From	To	Description of Material
+17	+ 9	Fill
+ 9	+ 6	Soft blue clay, little gravel
+ 6	+ 0	Stiff blue clay, little sand
+ 0	-17	Medium stiff blue clay
-17	-29	Sand, gravel, clay; very hard

BORING NO. 11

Elevations

From	To	Description of Material
+18	+ 7	Fill
+ 7	+ 4	Fine sand, mud
+ 4	- 1	Hard yellow clay, little sand
- 1	- 5	Little clay, sand coarse gravel
- 5	-17	Hard blue clay and sand
-17	-28	Hard blue clay
-28	-35	Hard clay, sand and gravel

BORING NO. 12

Elevations

From	To	Description of Material
+18	+ 0	Fill
+ 0	-16	Silt, little sand
-16	-18	Peat
-18	-24	Stiff blue clay
-24	-53	Medium stiff blue clay

BORING NO. 13

Elevations

From	To	Description of Material
+17	+11	Fill
+11	+ 0	Sand; gravel, silt
+ 0	-12	Silt, shells
-12	-29	Silty sand
-29	-45	Hard blue clay

BORING NO. 14

Elevations

From	To	Description of Material
+17	+ 0	Sand fill, miscellaneous
+ 0	-16	Silt, very little sand
-16	-18	Peat
-18	-24	Stiff blue clay
-24	-53	Medium stiff blue clay

BORING NO. 15

Elevations

From	To	Description of Material
+19	+ 4	Sand and gravel fill
+ 4	- 2	Sand, gravel, very little clay
- 2	- 9	Silty sand, shells
- 9	-14	Hard silty sand
-14	-20	Firm fine sand and clay
-20	-42	Stiff blue clay
-42	-63	Medium stiff blue clay

BORING NO. 16

Elevations

From	To	Description of Material
+16.6	-4.0	Fill; gravel, sand, bricks, wood
-4.0	-5.4	Silty sand, gravel, shells
-5.4	-15.5	Silt; shells
-15.5	-24.0	Hard yellow clay, sand
-24.0	-34.0	Stiff blue clay
-34.0	-98.8	Soft blue clay
-98.8	-100.7	Clay, gravel, sand (hard)

BORING NO. 17

Elevations

From	To	Description of Material
+18	- 2	Fill
- 2	-11	Silt, shells
-11	-25	Hard yellow clay
-25	-34	Hard blue clay
-34	-108	Soft blue clay
-108	-112	Clay, sand, gravel; hard

BORING NO. 18

Elevations

From	To	Description of Material
+17.4	-1.3	Fill; gravel, sand, wood
-1.3	-9.0	Silty peat
-9.0	-21.0	Fine blue sand
-21.0	-27.9	Fine blue sand, clay
-27.9	-107.3	Soft blue clay
-107.3	-112.0	Clay, gravel, sand; hard

BORING NO. 19

Elevations

From	To	Description of Material
+20	+ 0	Fill
+ 0	- 6	Silty sand
- 6	-16	Fine blue sand
-16	-23	Hard yellow clay, sand
-23	-38	Hard blue clay
-38	-115	Soft blue clay
-115	-118	Clay, sand, gravel; hard; Rock

BORING NO. 20

Elevations

From	To	Description of Material
+19.5	- 1	Fill
- 1	-12	Silty sand, shells
- 12	-26	Fine yellow sand
- 26	-36	Stiff blue clay
- 36	-113	Soft blue clay, Struck Rock

BORING NO. 21

Elevations

From	To	Description of Material
+19.6	+ 0	Graveland sand fill
+ 0	-7.0	Silty sand, shells
-7.0	-19.8	Fine yellow sand
-19.8	-25.0	Stiff blue clay
-25.0	-108.5	Soft blue clay
-108.5	-113.9	Clay, gravel, sand, (hard)

BORING NO. 22

Elevations

From	To	Description of Material
+19.5	+4.0	Sand and gravel fill
+4.0	+ 0	Soft black silt
+ 0	- 5	Fine silty sand, shells
- 5	-18	Fine blue sand
-18	-28	Stiff blue clay, little sand
-28	-102	Soft blue clay
-102	-103	Clay, gravel, sand; struck rock

BORING NO. 23

Elevations

From	To	Description of Material
+20	+ 4	Fill
+ 4	- 2	Sand, gravel, very little clay
- 2	- 8	Silty sand, shells
- 8	-14	Hard silty sand
-14	-20	Firm sand and clay, very fine
-20	-41	Stiff blue clay
-41	-62	Medium stiff blue clay

BORING NO. 24

Elevations

From	To	Description of Material
+21	- 6	Fill
- 6	-20	Silty sand, shells
-20	-30	Hard blue clay
-30	-119	Soft blue clay
-119	-124	Clay, sand, gravel; hard

BORING NO. 25

Elevations

From	To	Description of Material
+15	+13	Fill; cinders, gravel
+13	- 2	Fill; sand, gravel, stone
- 2	-15	Silt, very little fine sand
-15	-31	Stiff blue clay, little fine sand
-31	-52	Medium stiff blue clay, little fine sand
-52	-85	Stiff blue clay, very little gravel

BORING NO. 26

Elevations

From	To	Description of Material
+17	- 1	Fill
- 1	-15	Silt, little fine sand
-15	-30	Stiff blue clay, little fine sand
-30	-51	Fairly stiff blue clay and fine sand
-51	-81	Stiff blue clay, little gravel

BORING NO. 27

Elevations

From	To	Description of Material
-8.7	-12.5	Soft black silt
-12.5	-28.3	Silt, shells
-28.3	-103.8	Soft blue clay, struck rock

BORING NO. 28

Elevation

From	To	Description of Material
- 7	-15	Soft black silt
-15	-29	Silt, shells
-29	-117	Soft blue clay
-117	-121	Clay; sand, gravel; hard

BORING NO. 29

Elevations

From	To	Description of Material
- 1	- 9	Soft black silt
- 9	-28	Fine sand, silt, shells
-28	-34	Soft blue clay, little sand
-34	-43	Hard blue clay

BORING NO. 30

Elevations

From	To	Description of Material
- 4	- 4	Soft black silt
- 9	-11	Hard black silt
-11	-21	Fine silty sand, shell's
-21	-29	Sand, mud
-29	-32	Coarse sand
-32	-53	Hard blue clay

BORING NO. 31

Depths

From	To	Description of Material
Surface	5	Fill: sand, gravel
5	13	Fill; clay, sand, gravel
13	20	Cinders fill
20	43	Silt, little sand
43	50	Silty sand
50	78	Soft blue clay
78	86	Hard blue clay, sand, and gravel

BORING NO. 32

Elevations

From	To	Description of Material
+15	-10	Fill
-10	-22	Mud
-22	-51	Soft clay
-51	-61	Hard clay

BORING NO. 33

Elevations

From	To	Description of Material
- 8	-18	Soft black silt
-18	-20	Fine silty sand
-20	-28	Hard blue clay
-28	-61	Hard yellow clay

The following soil borings were received from the Massachusetts Turnpike Authority and were taken in the Spring of 1962.

The location of the borings is shown on the accompanying plan.

The elevations shown on the boring logs refer to Boston City Base.

BORING NO. A

ELEVATIONS

FROM	TO	DESCRIPTION OF MATERIAL
+19	- 1	Loose sand, gravel, cinders, and wood fill
- 1	- 9	Loose sandy silt and organic shells
- 9	-16	Hard compact fine blue sand
-16	-19	Hard compact fine yellow sand
-19	-23	Very stiff yellow clay
-23	-29	Stiff blue clay and fine sand
-29	-107	Medium blue clay and fine sand
-107	-114	Very compact fine gray sand gravel and stones

BORING NO. B

ELEVATIONS

FROM	TO	DESCRIPTION OF MATERIAL
+18	- 3	Firm sand, gravel, cinders & wood fill
- 3	-14	Loose sandy silt and organic shells
-14	-16	Medium blue clay
-16	-21	Hard yellow clay
-21	-25	Very stiff blue clay
-25	-101	Medium blue clay and fine sand
-101	-107	Very compact fine gray sand, gravel, stones and trace of clay

BORING NO. C

ELEVATIONS

FROM	TO	DESCRIPTION OF MATERIAL
+18	-4	Loose to hard sand, gravel, cinder, and wood fill
- 4	-16	Very loose sandy peat silt and organic shells
-16	-21	Very stiff blue clay and fine sand
-21	-25	Stiff yellow clay
-25	-96	Medium blue clay & little sand
-96	-103	Very compact fine gray sand, gravel, & boulders

The following soil borings were received from Pedersen and Tilney Architects, and were taken in 1960.

The location of the borings is shown on the accompanying plan.

The elevations shown on the boring logs refer to Boston City Base.

	MEDIUM	6	
		3	-40.0'
		6	
	BLUE CLAY	6	-50.0'
		6	
		6	-60.0'
89.5'	FINE TO MEDIUM SAND, CLAY, SOME COARSE GRAVEL & ROCK FRAGMENTS	48	
		58	-70.0'
96.0'	CORED BOULDER REC. 19"	C	
98.0'	FINE SAND	16	
101.0	***	90	
102.0			-80.0'

REFUSAL AT 102.0'
100 BLOWS FOR 0.0'
*** FINE TO MEDIUM SAND COMPACTED.

5 - 3 TO 5 - 6 - 60

WATER READING TAKEN ON 5 - 7 - 60 AT 3 P M

-90.0'

70.0'	FINE TO MEDIUM SAND, CLAY AND SOME FINE TO COARSE GRAVEL	30	
		32	
87.0'	FINE TO MEDIUM SAND, CLAY & LITTLE FINE TO MEDIUM GRAVEL	30	
		37	
		40	
98.5'	HARDPAN	130	
100.0'	RUN 1 CORED ROCK REC - 23" SOFT SHALE	C	
105.0'	RUN 2 CORED ROCK REC - 52" SOFT SHALE	C	
110.0'			

**300 LB WT RUNNING TIME PER FT IN MINUTES USING NX BIT
3 - 4 - 3 - 4 - 3

RUNNING TIME PER FT IN MINUTES USING NX BIT
4 - 5 - 5 - 6 - 5

BOTTOM OF BORING
110.0'

4 - 21 TO 4 - 28 - 60

WATER READING TAKEN ON 4 - 29 - 60 AT 9 A. M.

-100.0'

* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET 230.0'

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

SHEET ... OF ... FOREMAN EH, EP & DP ... CLASSIFICATION BY EH, EP & DP & JEH ... JOB NO B - 2200

BORING REPORT — C. L. GUILD CONSTRUCTION CO., INC. — BORING REPORT

BOSTON — EAST PROVIDENCE

119

TO Goldberg & Le Messurier Associates — Boston, Massachusetts

SITE LOCATION South Postal Annex Addition — BOSTON, Massachusetts

SCALE 1" = 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION

BORING NO. 1

Elev. 25.0'±

0.0'	CONCRETE		
0.5'	MEDIUM SAND, LITTLE CINDERS & LITTLE COARSE GRAVEL	10	FILL
4.0'	FINE TO MEDIUM SAND & LITTLE FINE TO COARSE GRAVEL FILL	7 13 12	
16.0'			
WATER 16.7'	SAND, SOME MEDIUM GRAVEL, BRICK AND LITTLE CLAY FILL	5 7	
26.0'	PEATY ORGANIC SILT, WOOD & SHELLS	8 9	
31.0'	SANDY ORGANIC SILT & LITTLE SHELL	4 5	
42.5'	SANDY ORGANIC SILT	17	
44.0'	WOOD OBSTRUCTION WASH SAMPLE	W	CORED OBSTRUCTION USED SAWTOOTH BIT
47.0'	PEATY ORGANIC SILT & WOOD	10	
49.5'	VERY STIFF YELLOW & BLUE CLAY	18	
54.0'	MEDIUM	6 7	

BORING NO.

BORING NO. 2 A

Elev. 24.0'±

0.0'	SAND, CINDERS & GRAVEL — FILL	6	
2.0'	FINE TO MEDIUM SAND & SOME FINE TO COARSE GRAVEL FILL	12 8 6	
WATER 14.0'	DRILLED WOOD OBSTRUCTION	W	
17.0'	SANDY ORGANIC SILT & BRICK FILL	5	
19.0'	SANDY ORGANIC SILT, TRACE OF PEAT AND SHELLS	3 3 2 3 2	
44.0'	VERY STIFF YELLOW & BLUE CLAY	26	
50.0'	MEDIUM	5 5 6	

BORING NO. 2

Elev. 24.0'±

0.0'	*** FILL	4	
1.0'	FINE TO MEDIUM SAND & SOME FINE TO COARSE GRAVEL FILL	6 7 8	
14.0'	BRICK FILL	80	
18.0'	REFUSAL AT 18.0' 80 BLOWS WITH 300 LB WT FOR 0.0'		

3 = 2 = 6

ELEVATION	
25.0'	
20.0'	
10.0'	
0.0'	
-10.0'	
-20.0'	
-30.0'	
-40.0'	

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

TO Goldberg Le Mess er 669 Boylston Street, Boston, Massachusetts

SITE LOCATION South Postal Annex Addition, BOSTON, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION

25.0'

20.0'

10.0'

0.0'

-10.0

-20.0'

-30.0

-40.0

BORING NO. 3 A

Elev. 22.0'±

0.0'	***	7
1.0'	FINE TO MEDIUM SAND & SOME MEDIUM COARSE GRAVEL FILL	12
		7
		8
13.0'	SAND, BRICK & SILT FILL	10
WATER 15.5'		12
20.0'	SANDY ORGANIC SILT, SHELLS AND LITTLE BRICK	7
25.0'	SANDY ORGANIC SILT	7
28.0'	SANDY ORGANIC SILT AND SHELLS	5
35.5'	CORED WOOD OBSTRUCTION WASH SAMPLE	W
42.0'	SANDY ORGANIC SILT & SHELLS	5
45.5'	STIFF BLUE CLAY	12
47.0'	HARD YELLOW & BLUE CLAY	30
50.0'		8
		6
	MEDIUM	6

BORING NO. 3

Elev. 22.0'±

0.0	SAND & CINDERS FILL	8
2.0'	MEDIUM COARSE SAND & LITTLE FINE TO COARSE GRAVEL FILL	8
		11
		10
14.0	MEDIUM COARSE SAND & LITTLE FINE GRAVEL FILL	18
17.0	*** FILL	12
19.0	WOOD OBSTRUCTION	C
21.0	WOOD OBSTRUCTION	C
23.0		

*** SAND, BRICK, SILT & LITTLE MEDIUM GRAVEL FILL

CORED OBSTRUCTION USED SAWTOOTH BIT

BORING NO. 4

Elev. 22.0'±

0.0'	SAND & CINDERS FILL	9
2.5'	MEDIUM COARSE SAND, SOME MEDIUM COARSE GRAVEL & LITTLE CINDERS FILL	12
		8
		11
15.0'	FINE TO MEDIUM SAND & SOME FINE TO MEDIUM GRAVEL - FILL	7
WATER 15.9'		
19.0'	WOOD, BRICK, SILT & SAND FILL	32
23.0		6
	SANDY	3
	ORGANIC SILT	3
	AND	3
	SHELLS	4
		3
51.0'	SOFT BLUE CLAY	4
55.0'		6
		6

BORING NO.

	MEDIUM	6	
		6	
	BLUE CLAY	5	
		6	
		6	
		6	
36.5'	SOFT BLUE CLAY	5	
92.0'	FINE TO MEDIUM SAND, SOME MEDIUM GRAVEL & CLAY	30	
97.0'	FINE TO MEDIUM SAND, SOME MEDIUM GRAVEL AND CLAY	18	
101.0	HARDPAN	90	
		134	
		200	
113.0	CORED BOULDER REC. 12"	C	
115.0	HARDPAN	200	
		220	
120.0	CORED BOULDER REC 15"	C	
122.0	RUN 1 CORED 5.0' REC. 56" MEDIUM SHALE	C	
127.0	RUN 2 CORED 5.0' REC. 45" MEDIUM SHALE	C	
132.0			

RUNNING TIME PER FT IN MINUTES USING NX BIT
5 - 9 - 9 - 10 - 12

14 - 15 - 17 - 15 - 17

WATER READING TAKEN ON 6 18 60 AT 9 A M

	MEDIUM	6	
		6	
	BLUE CLAY	6	
		6	
		6	
		5	
		5	
93.0'	FINE TO MEDIUM SAND, SOME FINE TO MEDIUM GRAVEL & LITTLE CLAY	15	
		21	
		23	
106.0	HARDPAN	85	
		110	
		145	
118.0	VERY SOFT SHALE	225	
121.0	RUN 1 CORED 5.0' REC. 42" SOFT SHALE	C	
126.0	RUN 2 CORED 5.0' REC. 39" SOFT SHALE	C	
131.0'			

RUNNING TIME PER FT IN MINUTES USING NX BIT.

5 - 5 - 4 - 4 - 6

6 - 5 - 4 - 5 - 4

WATER READING TAKEN ON 5 - 25 - 60 AT 11 A M

286.0'

-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0'
-110.0'

* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET .....

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES, UNLESS OTHERWISE SPECIFIED.

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

TO Goldberg Le Messurier 669 Boylston Street Boston, Massachusetts
BOSTON, Massachusetts

SITE LOCATION South Postal Annex Addition

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

BORING NO. 5

Elev. 20.5'±

0.0'	SAND, CINDERS & GRAVEL FILL	7	*** MEDIUM SAND & LITTLE COARSE GRAVEL
1.5'	***	10	
3.0'	SANDY, PEATY, ORGANIC SILT	3	
8.0'	MEDIUM SAND, SOME MEDIUM GRAVEL & WOOD	40	
11.0' WATER 12.4'	SILT, PEAT, SAND & SOME MEDIUM COARSE GRAVEL	15 11	
19.0'	SANDY ORGANIC SILT & SHELLS	7	
23.0'	SANDY	3	
	ORGANIC SILT AND SHELLS	3 3 4	
41.0'	***	7	*** MEDIUM BLUE & YELLOW CLAY.
42.5'	VERY STIFF YELLOW CLAY	18 21	
49.0'		6 6 6	

BORING NO. ———

BORING NO. 6

Elev. 21.0'±

0.0'	SAND & CINDERS	5	FILL
1.0'	MEDIUM SAND & COARSE GRAVEL	10	FILL
3.0'	SAND, SILT, BRICK, WOOD AND GRAVEL FILL	12 17 8	
WATER 11.7'			
17.0'	SAND, SILT AND SOME MEDIUM GRAVEL FILL	7	
22.0'	SANDY ORGANIC SILT & SHELLS	5 5 5	
33.5'	STIFF BLUE CLAY	9	
35.0'	VERY STIFF SANDY YELLOW CLAY	24 21	
43.0'	MEDIUM STIFF YELLOW CLAY	11 11	
50.0'		6 6	

BORING NO. ———

ELEVATION

25.0'
20.0
10.0
0.0'
-10.0
-20.0
-30.0
-40.0

	MEDIUM	6	
		6	
		6	
		7	
		7	
	BLUE CLAY	6	
		6	
		6	
		6	
99.0'	FINE TO MEDIUM SAND, SOME MEDIUM GRAVEL AND CLAY	40	
104.0	HARDPAN	120	RUNNING TIME IN MINUTES USING N X DIT.
106.0'	HARDPAN	228	
107.0'	RUN 1 CORED 5.0' REC. 58"	C	5 - 4 - 5 - 4 - 4
112.0'	SOFT SHALE		
	RUN 2 CORED 5.0' REC. 45"	C	4 - 5 - 5 - 5 - 5
117.0'	SOFT SHALE		

6 - 2 - 60

WATER READING TAKEN ON 6 - 3 - 60 AT 12 NOON.

	MEDIUM	6	
		6	
		6	
		5	
	BLUE CLAY	6	
		6	
		5	
		5	
		6	
99.5'	FINE TO MEDIUM SAND, SOME MEDIUM GRAVEL AND CLAY	34	
		44	
107.0'	MEDIUM SAND, SOME MEDIUM GRAVEL & CLAY	190	
111.0'	HARDPAN	300	
		320	RUNNING TIME IN MINUTES USING N X BIT
116.0'	RUN 1 CORED 5.0' REC. 38"	C	4 - 5 - 4 - 4 - 5
121.0'	SOFT SHALE		
	RUN 2 CORED 5.0' REC. 52"	C	5 - 5 - 5 - 4 - 5
126.0'	SOFT SHALE		

6 - 9 - 60

WATER READING TAKEN ON 6 - 10 - 60 AT 10 A M

-40.0

-50.0

-60.0

-70.0

-80.0'

-90.0'

-100.0'

-110.0'

243.0'

* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET .....

..... SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

TO Goldberg Le Messurier Assoc - 669 Boylston Street Boston, Massachusetts

SITE LOCATION South Postal Annex Addition BOSTON, MASSACHUSETTS

SCALE 1"= 8 FT. REFERENCE DATUM ... FROM INFORMATION ON DRAWINGS

BORING NO. 7 A

Elev. 22.0'±

0.0'	SAND, CINDERS & LITTLE COARSE GRAVEL - FILL	4	
3.0'	*** FILL	8	
5.0'	FINE TO MEDIUM SAND, SILT, PEAT, BRICK AND LITTLE FINE GRAVEL FILL	16	
WATER 11.5'			
15.0'	BRICK & WOOD FILL	33	
20.0'	BRICK & LITTLE COARSE GRAVEL FILL	25	
25.0'	SAND, GRAVEL, SILT & BRICK FILL	34	
32.0'	ORGANIC SILTY CLAY	18	
45.0'	VERY STIFF YELLOW CLAY	19	
		15	

BORING NO. 7

Elev. 22.0'±

0.0'	SAND & CINDERS FILL	3
3.0'	**** FILL	2
4.0'	FINE TO MEDIUM SAND, SOME ORGANIC SILT, BRICK, PEAT & LITTLE FINE GRAVEL FILL	13
11.5'		

REFUSAL AT 11.5'

*** SILTY SAND & LITTLE FINE GRAVEL.

**** FINE SAND, LITTLE FINE GRAVEL FILL

BORING NO. 8

Elev. 7.0'±

0.0'	CONCRETE SHOT DRILLED	C
5.5'	SANDY ORGANIC SILT, SHELLS & SOME MEDIUM GRAVEL	3
10.0'	SANDY ORGANIC SILT AND SHELLS	5
14.0'	SANDY ORGANIC SILT AND SHELLS	6 6 6
29.0'	SANDY ORGANIC SILT & SHELLS	12
33.0'	VERY STIFF BLUE CLAY	20
38.0'		9

BORING NO.

ELEVATION

25.0'

20.0'

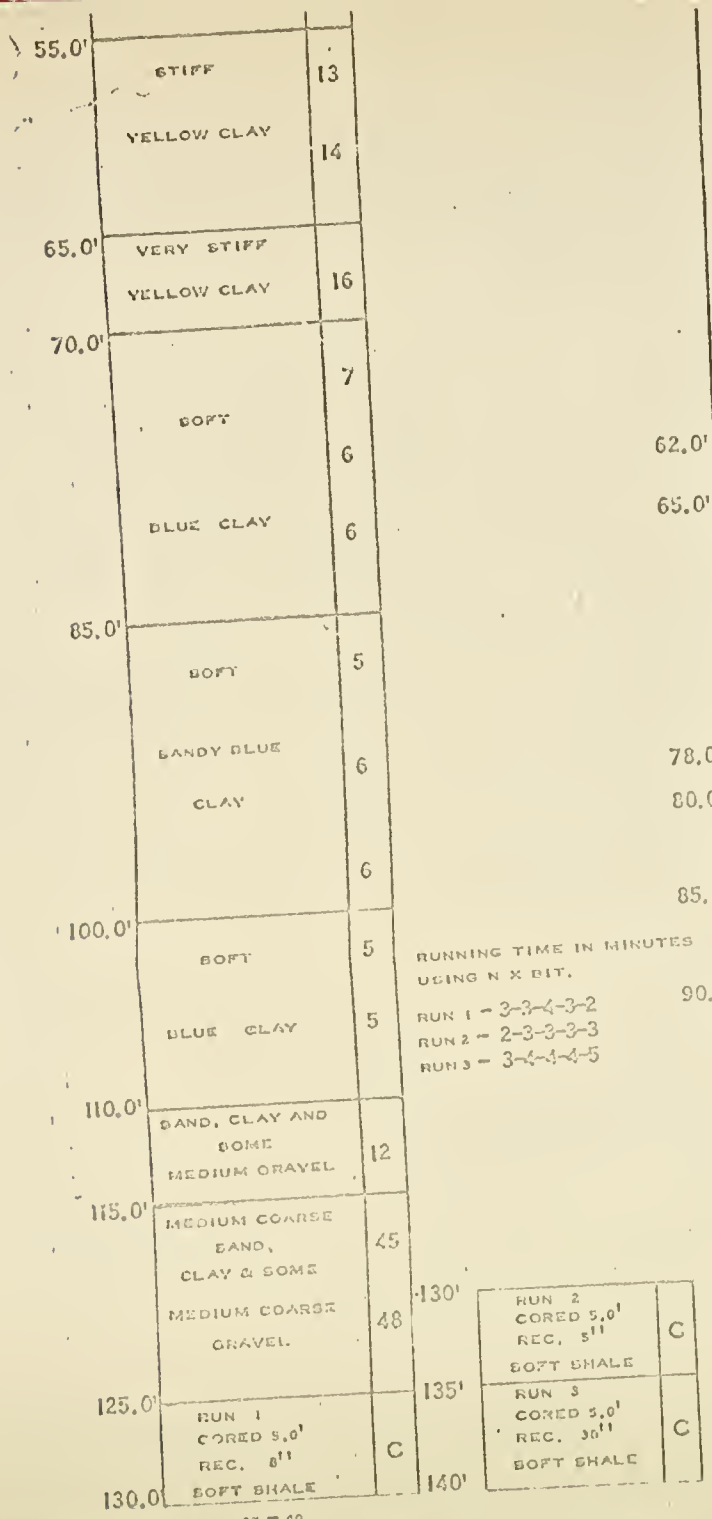
10.0'

0.0'

-10.0'

-20.0'

-30.0'



WATER READING TAKEN ON 6 - 2 - 60 AT 1 P M

FOOTAGE OF BORING THIS SHEET..... 230.0'

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

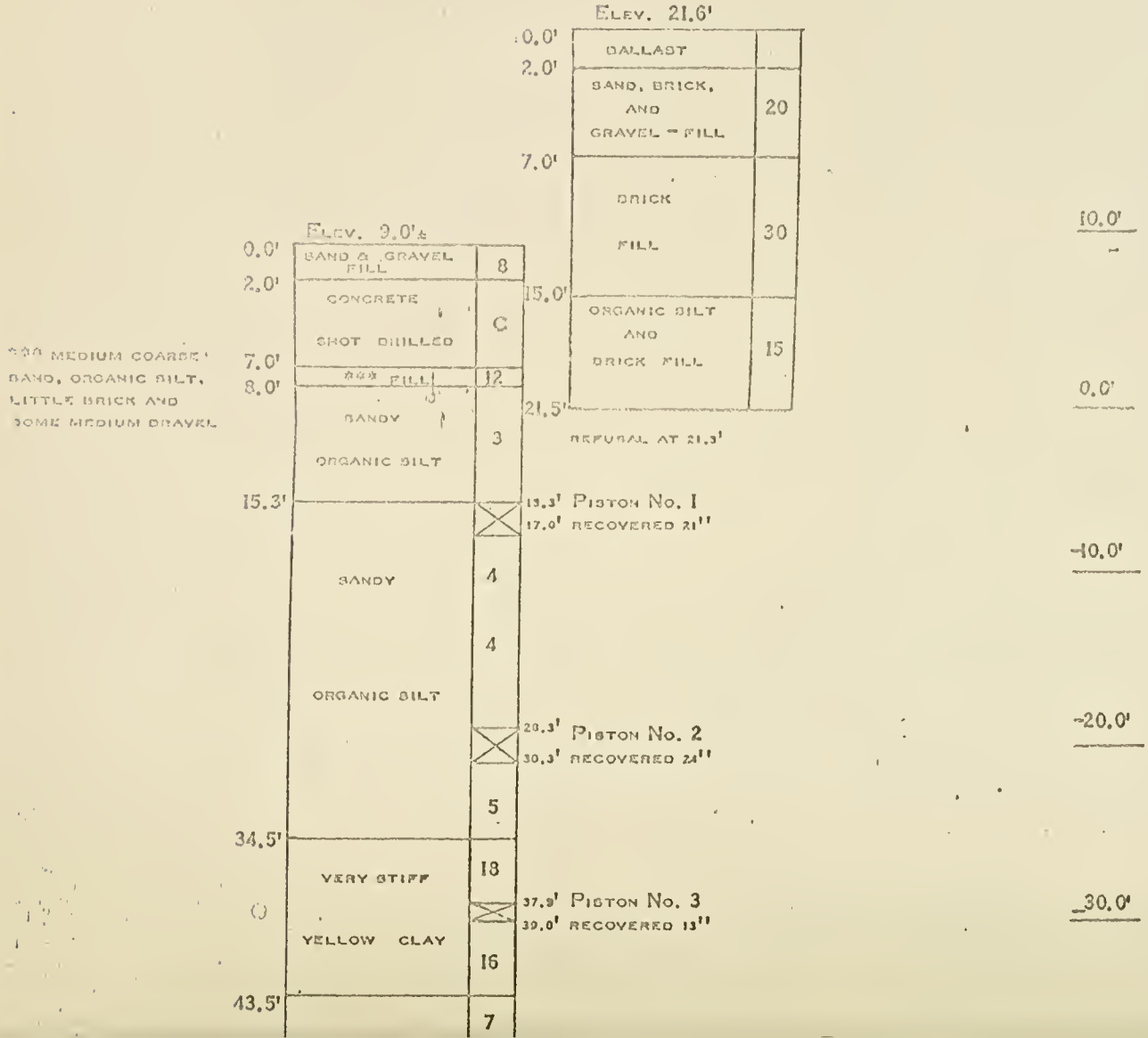
TO Goldberg Le Messurier Assoc - 669 Boylston Street - Boston, Massachusetts

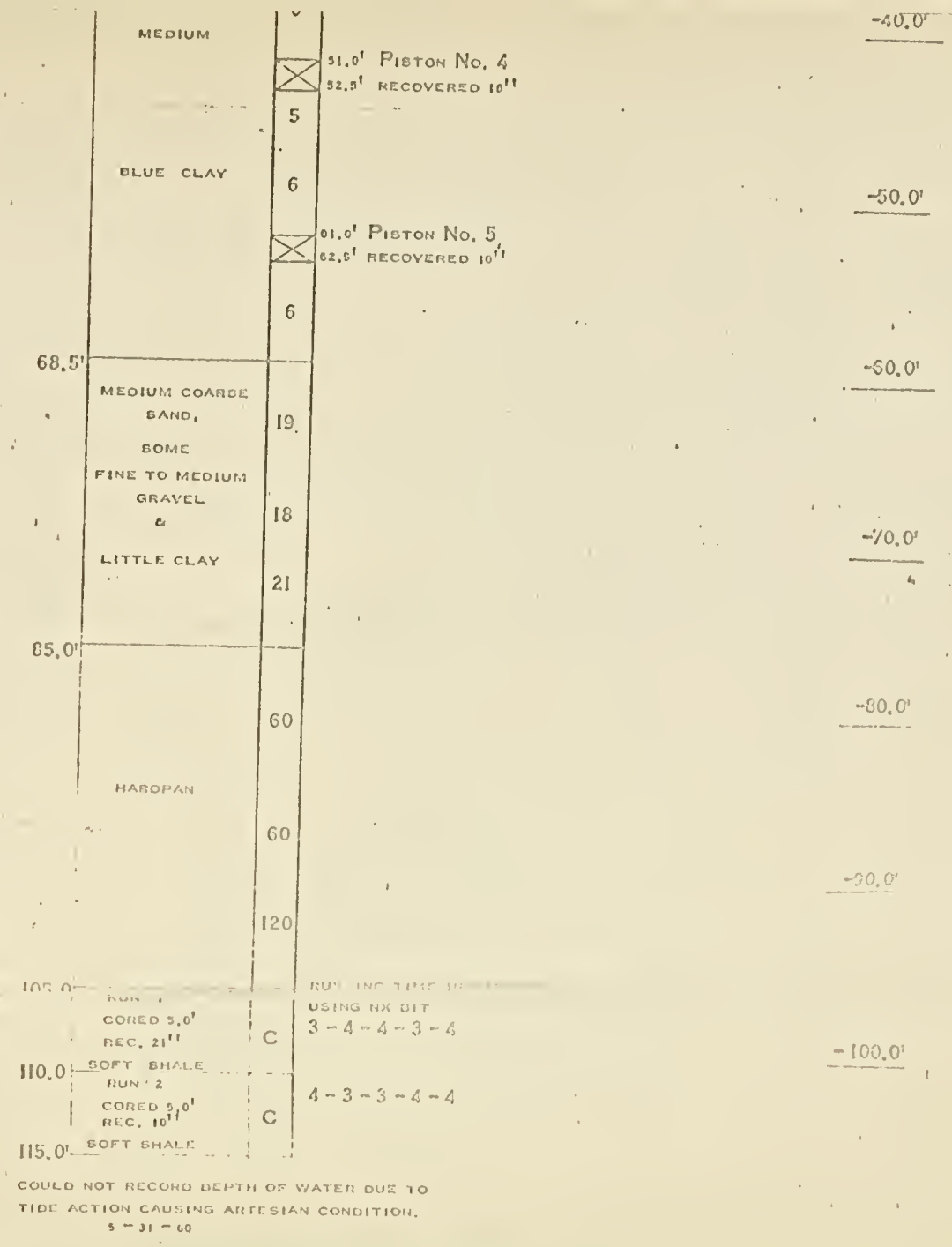
SITE LOCATION South Postal Annex Addition — BOSTON, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION 25.0

BORING NO. ____ BORING NO. 9A BORING NO. 9 BORING NO. ____





COULD NOT RECORD DEPTH OF WATER DUE TO TIDE ACTION CAUSING ARTESIAN CONDITION.
5 - 31 - 60

* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET 136.5'

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

SHEET ... OF ... FOREMAN E.P. CLASSIFICATION BY L.P. & JEH JOB NO. B - 2200

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON EAST PROVIDENCE

BORING REPORT

TO Goldberg Lee Saurier Assoc - 669 Boylston Street - Boston, Massachusetts

SITE LOCATION South Postal Annex Audition BOSTON, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION

25.0'

BORING NO. 10

Elev. 21.0'±

0.0'	*** FILL	12	*** SAND, CINDERS & SOME MEDIUM GRAVEL.
1.5'	FINE TO MEDIUM SAND & SOME FINE TO COARSE GRAVEL	31	
5.5'	SAND, GRAVEL AND SILT FILL	40	
WATER 10.9'			
14.5'	SANDY ORGANIC SILT	3	
19.5'	SANDY	7	
		7	
		7	
	ORGANIC SILT	8	
		7	
		7	
48.3'	MEDIUM	6	
		6	
		6	

BORING NO. ____

BORING NO. 11

Elev. 20.5'±

0.0'	SAND & CINDERS	4	FILL
1.0'	MEDIUM COARSE SAND & SOME MEDIUM GRAVEL	12	FILL
4.0'	MEDIUM SAND, SOME SILT, BRICK, AND LITTLE MEDIUM GRAVEL FILL	12	
9.0'	***	4	*** MEDIUM SAND, LITTLE BRICK & LITTLE MEDIUM GRAVEL " FILL
WATER 10.0'			
11.0'	SANDY ORGANIC SILT & SOME COARSE GRAVEL FILL	3	
		3	
20.0	OBSTRUCTION	W	NOTE - CORED OBSTRUCTION USED SAWTOOTH BIT
21.0'	ORGANIC SILT AND SHELLS	7	
26.0'	SANDY ORGANIC SILT AND SHELLS		26.0'
37.0'	SANDY ORGANIC SILT AND SHELLS	21 **	ENCOUNTERED WOOD OBSTRUCTION AT 26.0' /PROBABLY OLD PILE / SAMPLED MATERIAL AS SHOWN WITH 2" SPLIT SPOON SAMPLER, USED SAWTOOTH BIT TO CORE THAT PORTION OF OLD PILING OBSTRUCTING ADVANCE OF 3 1/2" CASING
		18	** BLOW COUNT PROBABLY AFFECTED BY OBSTRUCTION.
47.0'	MEDIUM BLUE CLAY	8	52.0'
			54.0' Piston No. 1
			50.0' RECOVERED 24"
	SOFT		

20.0'

10.0'

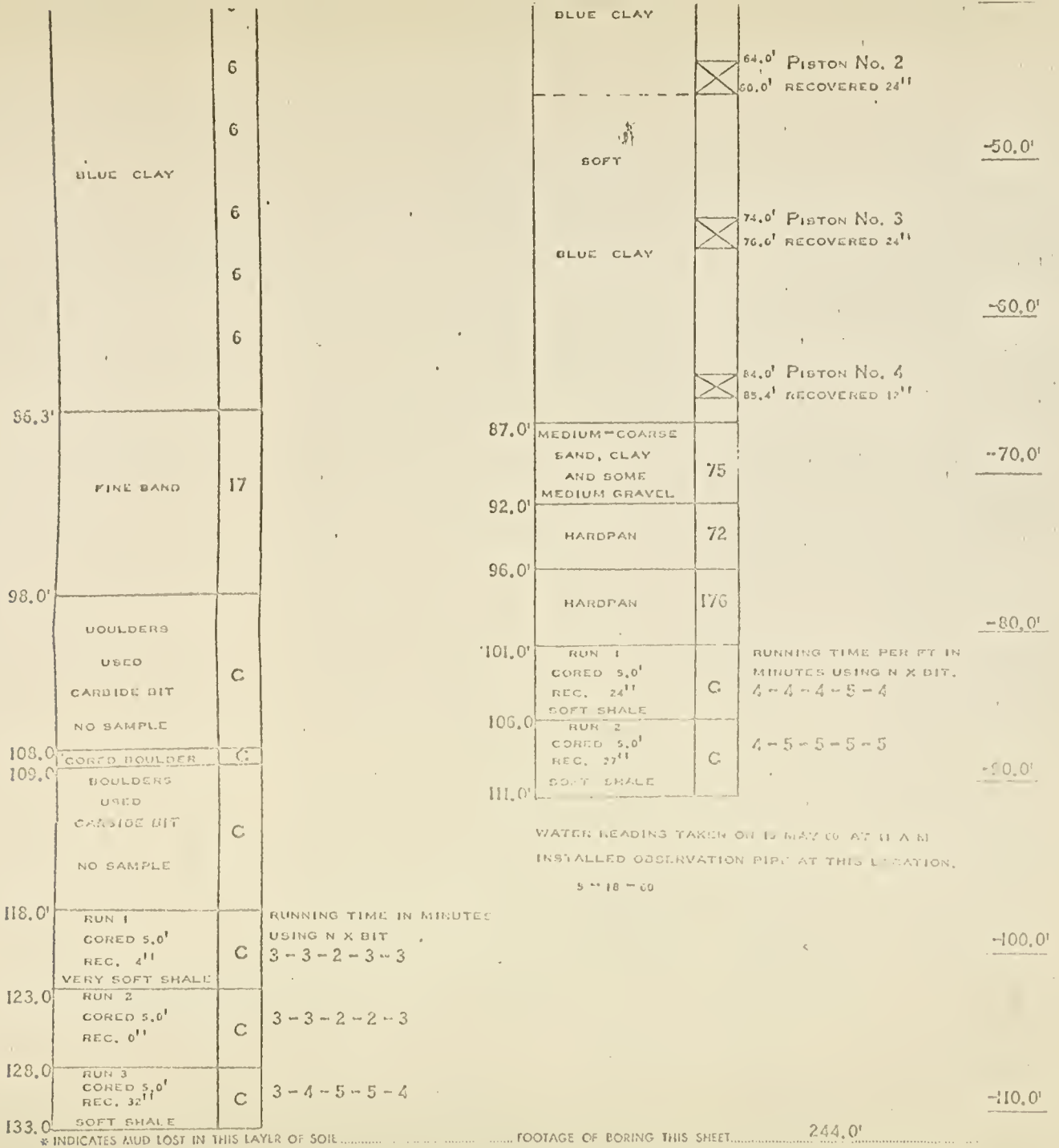
0.0'

-10.0'

-20.0'

-30.0'

-40.0'



WATER READING TAKEN ON 15 MAY 60 AT 11 A M
INSTALLED OBSERVATION PIPE AT THIS LOCATION.
5 - 18 - 60

* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET 244.0'

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

SHEET ..... OF ..... FOREMAN AC & HH ..... CLASSIFICATION BY AG, HH & JEH JOB NO B-2200

BORING REPORT — C. L. GUILD CONSTRUCTION CO., INC. — BORING REPORT

BOSTON — EAST PROVIDENCE

TO Goldberg Le Mes ner 669 Boylston Street Boston, Massachusetts

SITE LOCATION South Postal Annex Addition BOSTON, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

BORING NO. 14 — BORING NO. ____ — BORING NO. 15 — BORING NO. ____

ELEVATION

25.0'

20.0'

10.0'

0.0'

-10.0'

-20.0'

-30.0'

-40.0'

BORING NO. 14

Elev. 20.4'

0.0'	SAND & GRAVEL FILL	33
4.0'	SAND, GRAVEL & CINDERS FILL	22
9.0'	WATER	
10.1'	FINE TO MEDIUM SAND & LITTLE FINE GRAVEL FILL	19
14.0'	FINE TO MEDIUM SAND & LITTLE FINE GRAVEL FILL	31
19.0'	FINE TO COARSE SAND - FILL	36
23.0'	SANDY ORGANIC SILT & WOOD	3
28.0'	SANDY ORGANIC SILT	5
33.0'	SANDY ORGANIC SILT	4 7
40.0'	STIFF YELLOW CLAY	10 9 11 12
58.0'		5

BORING NO. 15

Elev. 21.0'±

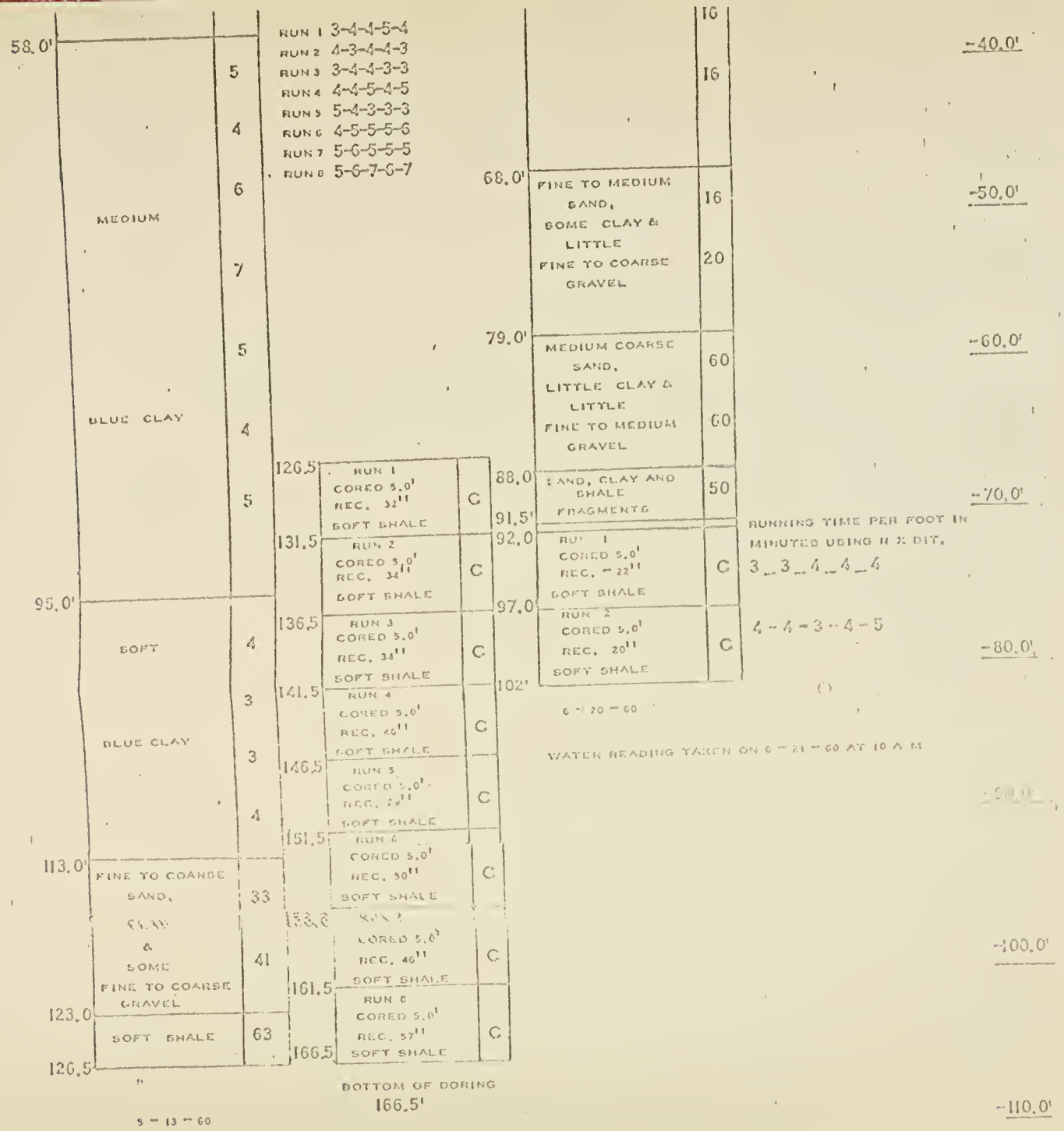
0.5'	BLACKTOP	
	SAND, BRICK, WOOD, SILT & SOME GRAVEL FILL	20 22 18 20
	WATER 11.2'	
19.0'	SANDY ORGANIC SILT AND WOOD	5 4 3 3 5 6
46.0'	FINE TO MEDIUM SILTY SAND	23
47.5'	STIFF BLUE CLAY	20 18 16 16

RUNNING TIME PER FT IN MINUTES USING N X DIT.

RUN 1 3-4-4-5-4

RUN 2 4-3-4-4-3

RUN 3 3-4-4-3-3



# INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET..... 268.5'

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER ... 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

CLASSIFICATION BY DP, EP & JEH ..... JOB NO. B-2200

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

TO Goldberg Lessurier - 669 Boylston Street - Boston, Massachusetts

SITE LOCATION South Postal Annex Addition BOSTON, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION

25.0'

20.0'

10.0

0.0'

-10.0'

-20.0'

-30.0'

-40.0'

BORING NO. 12

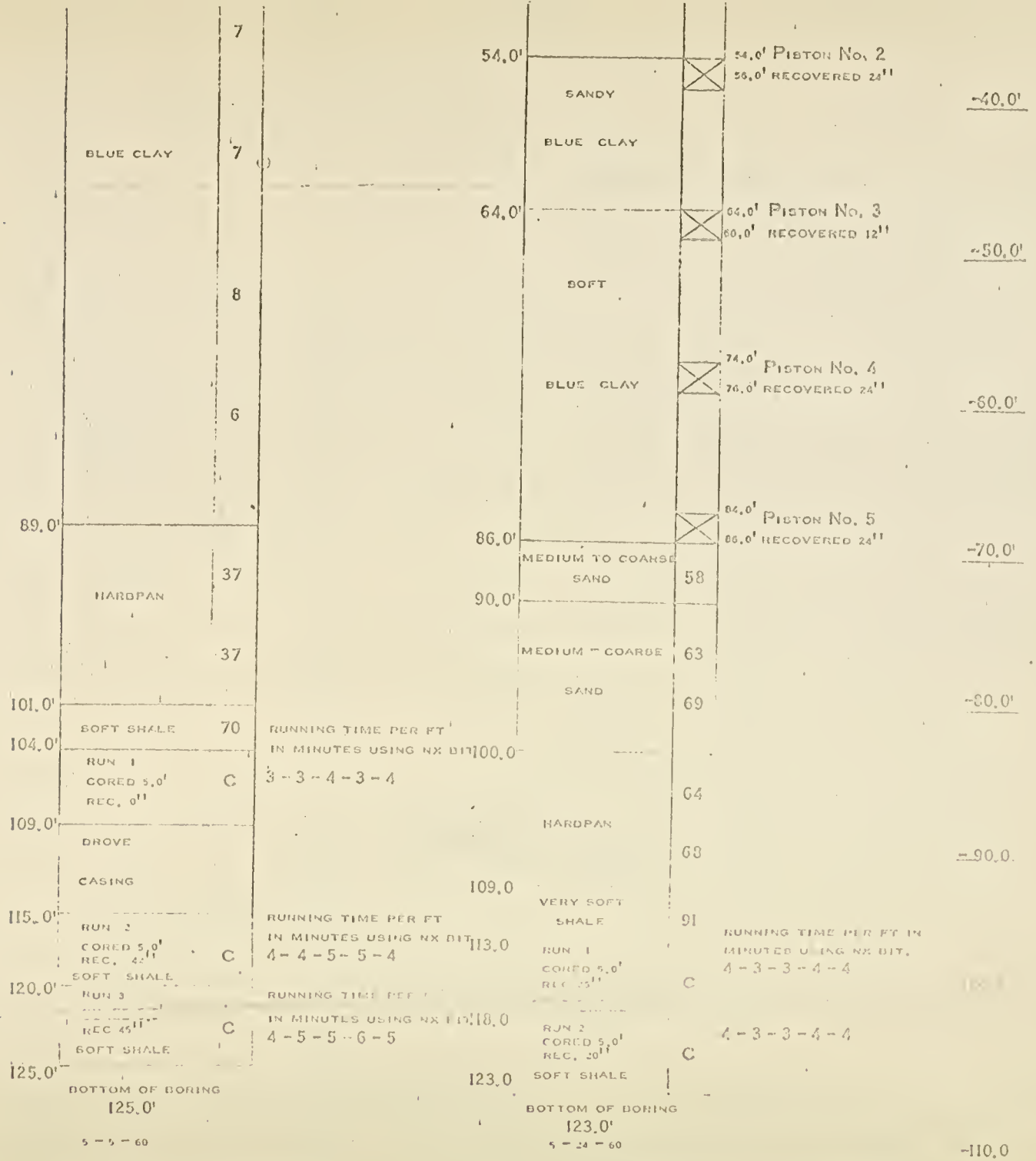
Elev. 20.5'

1.0'	SAND & CINDERS MEDIUM COARSE SAND & SOME MEDIUM COARSE GRAVEL FILL	14	FILL
5.0'	***	6	*** FINE TO MEDIUM SAND, BRICK, SILT & SOME FINE TO COARSE GRAVEL FILL
7.0'	SANDY ORGANIC SILT, BRICK AND SOME FINE TO MEDIUM GRAVEL	14	
WATER 10.0'		11	
20.0'	SANDY SILTY & SHELLS	3	
22.0'	SANDY ORGANIC SILT AND SHELLS	4	
		4	
40.0'	HARD YELLOW CLAY	14	
41.0'	HARD YELLOW CLAY	24	
45.0'	MEDIUM	8	
		7	

BORING NO. 13

Elev. 17.0'±

0.0'	SAND, CINDERS AND GRAVEL FILL	28	
3.0'	PEATY, SANDY ORGANIC SILT	8	
5.0'	SANDY ORGANIC SILT	9	
WATER 9.1'			
10.0'	SANDY, PEATY ORGANIC SILT AND SHELLS	10	
17.0'	SILTY SAND		17.0' Piston No. 1 19.0' RECOVERED 11"
19.0'	SANDY ORGANIC SILT AND LITTLE PEAT	12	
25.0'	SANDY ORGANIC SILT AND SHELLS	3	
		2	
35.0'	VERY STIFF SANDY YELLOW CLAY	15	
		18	
		14	
54.0'	SANDY		54.0' Piston No. 2 56.0' RECOVERED 24"



* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET.....

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

TO Goldberg – Le Messurier 669 Boylston Street Boston, Massachusetts

SITE LOCATION South Postal Annex Addition Boston, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION

25.0'

20.0'

10.0'

0.0'

-10.0'

-20.0'

-30.0'

-40.0'

BORING NO. 16

Elev. 18.5'±

0.5'	MEDIUM SAND, SOME GRAVEL & CINDERS FILL	6
WATER 8.0'		
9.5'	CLAY, SILT, BRICK & LITTLE MEDIUM GRAVEL FILL	10 12
20.0'	ORGANIC SILT AND SHELLS	9 10 9 10 10
41.0'	FINE SILTY SAND	13
45.0'	VERY STIFF SANDY BLUE CLAY	25 26 22

BORING NO. 17

Elev. 18.0'±

0.0'	SAND & GRAVEL FILL	A
5.0'	SAND, GRAVEL, CINDER, SILT & BRICK FILL	9
WATER 9.0'		
10.0'	SAND & CINDERS FILL	4
15.0'	ORGANIC SILTY SAND & [illegible]	3
18.0'	SANDY ORGANIC SILT AND SHELLS	3 4 3 3
40.0'	VERY STIFF SANDY YELLOW & BLUE CLAY	16 10 12
54.0'		7

BORING REPORT — L. L. DUNN CONSTRUCTION CO., INC. — BORING REPORT

BOSTON — EAST PROVIDENCE

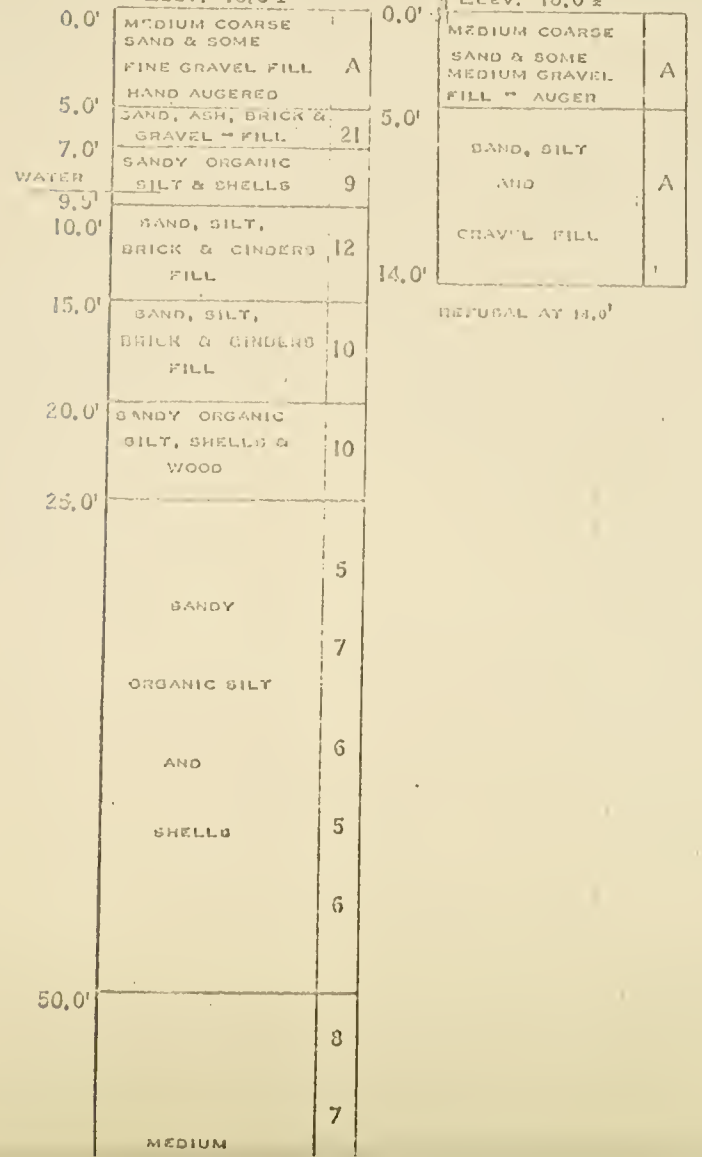
TO Goldberg-L[illegible]ssurier Associates — Boston, Massachusetts

JOB LOCATION South Postal Annex Addition — BOSTON, Massachusetts

SCALE 1"= 8 FT. REFERENCE DATUM ... FROM INFORMATION ON DRAWINGS

BORING NO. ——— BORING NO. 18 A BORING NO. 18 BORING NO. ———

ELEVATION



20.0'

10.0'

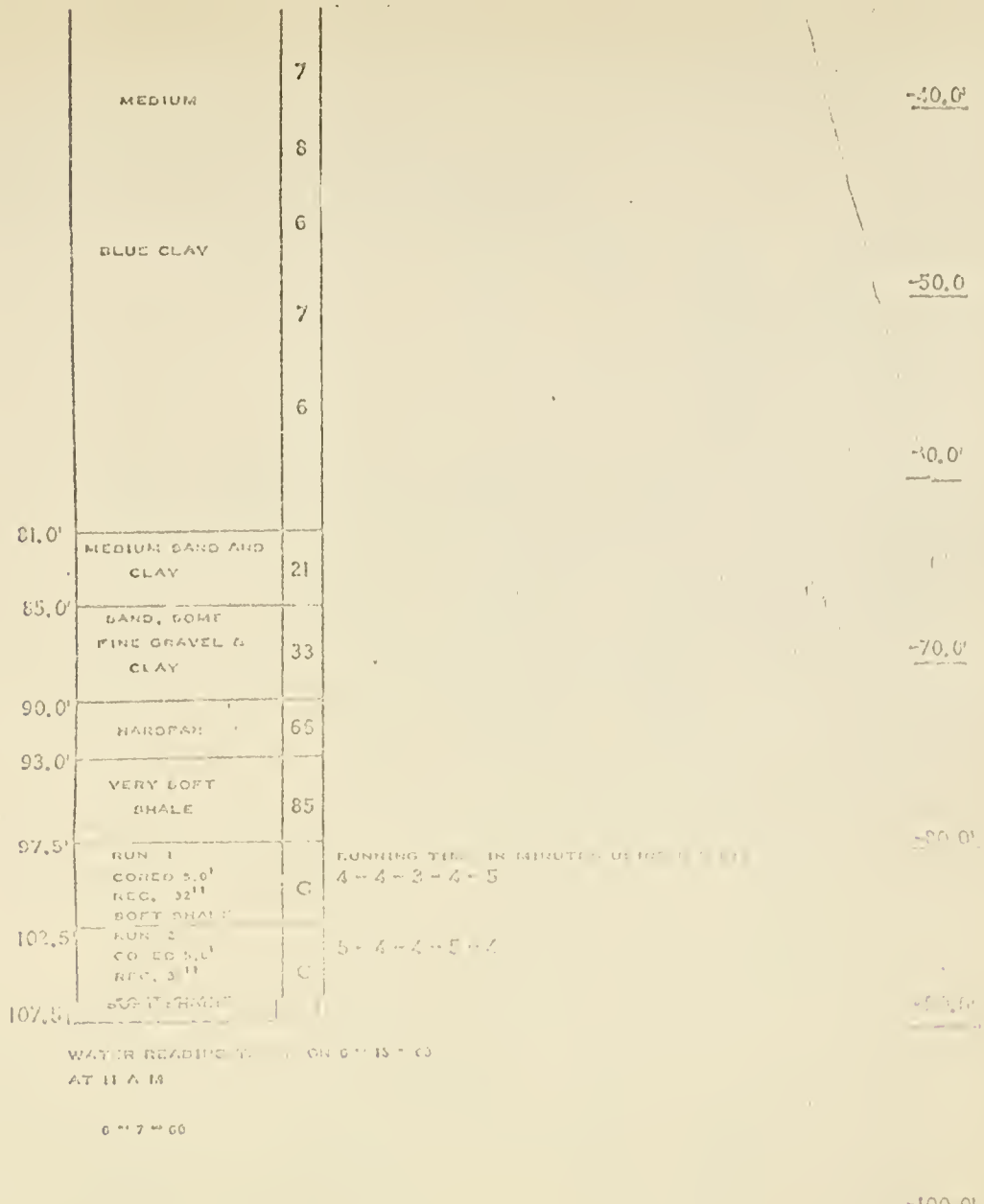
0.0'

-10.0

-20.0'

-30.0

-40.0'



* INDICATES MUD LOST IN THIS LAYER OF SOIL ..... FOOTAGE OF BORING THIS SHEET ..... 151.5'

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE

BORING REPORT — C. E. CUILD CONSTRUCTION CO., INC. — BORING REPORT

BOSTON — EAST PROVIDENCE

TO Goldberg Le Messurier & Associates — Boston, Massachusetts

SITE LOCATION South Postal Annex Addition — BOSTON, MASSACHUSETTS

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS

ELEVATION

25.0

20.0

10.0

-10.0'

-20.0'

-30.0'

BORING NO. 19 — Elev. 18.9'±

0.0'	FINE TO MEDIUM SAND & LITTLE COARSE GRAVEL & BRICK FILL	22	
4.0'	FINE TO MEDIUM SAND & LITTLE FINE GRAVEL	6	FILL
8.0'	FINE TO COARSE SAND, SILT AND LITTLE MEDIUM GRAVEL & BRICK	6	FILL
WATER 12.0'			
14.0'	FINE TO COARSE SAND, SILT, LITTLE MEDIUM GRAVEL & BRICK	6	FILL
18.5'	ORGANIC SILT AND LITTLE BRICK	2	
21.0'	SANDY ORGANIC SILT, LITTLE PEAT AND SHELLS	5 6 7 7	
38.0'	SANDY ORGANIC SILT, WOOD & LITTLE SHELL	18 20	
46.0'	BLUE CLAY, TRACE OF PEAT & SHELL	22 23	
51.0'	STIFF BLUE CLAY	22	
53.0'	MEDIUM BLUE CLAY		

BORING NO. — BORING NO. 20 A — Elev. 18.5'±

0.0'	MEDIUM COARSE SAND & SOME MEDIUM GRAVEL FILL	15
4.0'	SAND, COAL, BRICK, SILT AND WOOD FILL	25 26 20
WATER 9.5'		
19.0'	ORGANIC SILT & SHELLS	4
23.0'	SANDY ORGANIC SILT AND SHELLS	6 6 5 5
44.0'	YELLOW & BLUE CLAY	10 12
51.0'		10

BORING NO. 20 — Elev. 18.5'±

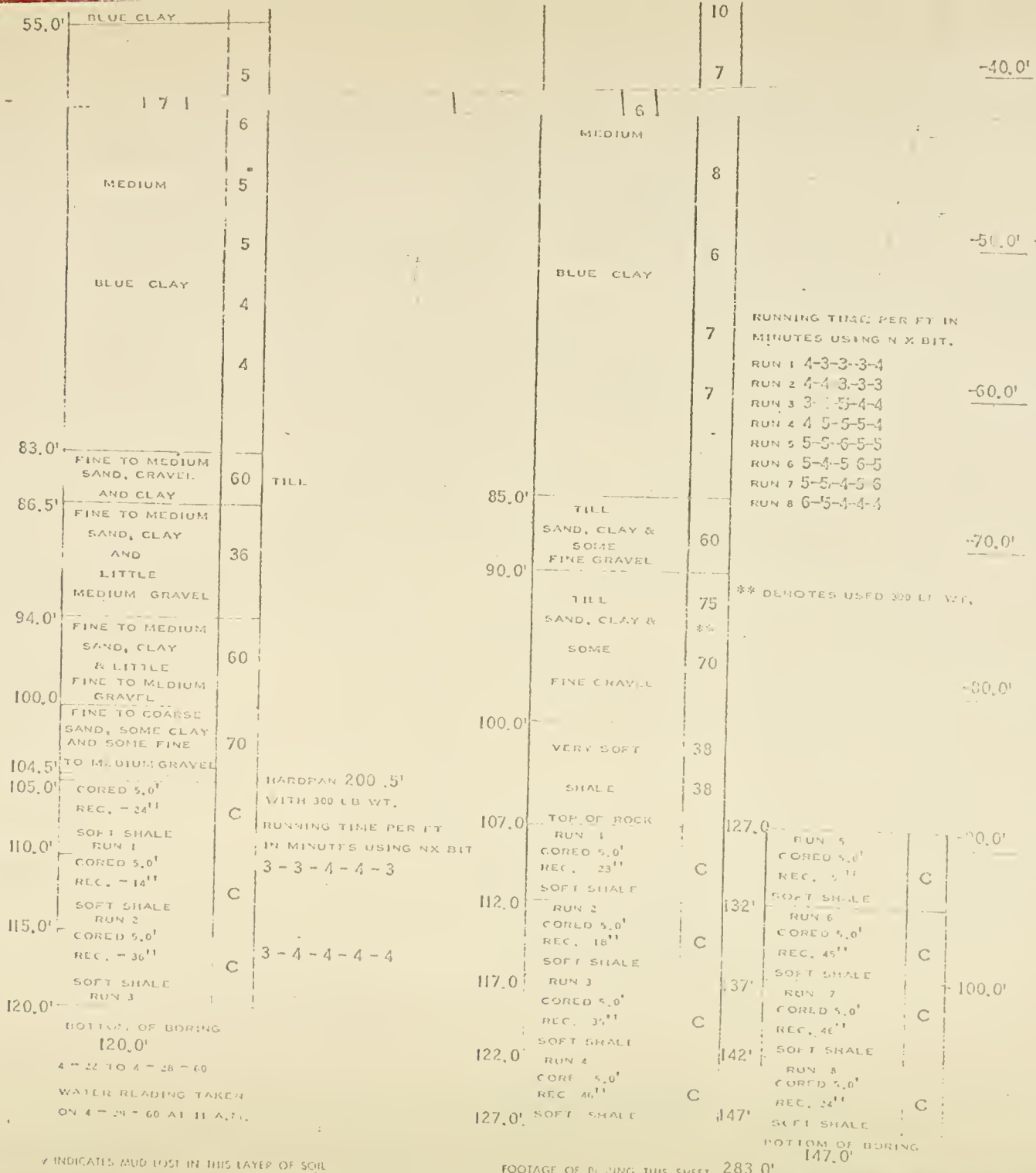
0.0'	MEDIUM SAND & SOME COARSE GRAVEL	15
4.0'	SAND, CLAY, SILT & LITTLE MEDIUM GRAVEL FILL	85
10.0'	***	28
11.0'	CORED WOOD OBSTRUCTION WITH SAWTOOTH BIT	C
16.0'		

*** SAND, SILT, TRACE OF BRICK & WOOD FILL

BOTTOM OF BORING 16.0'

MOVED 5.0' TO BORING 20 A

3 - 4 - 60



* INDICATES MUD LOST IN THIS LAYER OF SOIL

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE FIGURES IN LOG COLUMN A

FOOTAGE OF BORING THIS SHEET 283.0'

BORING REPORT

C. L. GUILD CONSTRUCTION CO., INC.

BOSTON — EAST PROVIDENCE

BORING REPORT

TO Goldberg & Le Messurier & Associates — Boston, Massachusetts

SITE LOCATION South Postal Annex Addition — BOSTON, MASSACHUSETTS

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS ( )

BORING NO. 21 — BORING NO. — — BORING NO. 28 — BORING NO. —

ELEVATION

Elev. 18.5'

0.0'	SAND, CINDERS & MEDIUM GRAVEL	2	FILL
2.0'	SAND, CINDERS, SILT & LITTLE MEDIUM GRAVEL	13	FILL
6.0'	MEDIUM COARSE SAND & LITTLE FINE GRAVEL	3	FILL
9.0'	ORGANIC SILT, WOOD, SAND AND LITTLE FINE TO MEDIUM GRAVEL	4	FILL
13.0'	SANDY ORGANIC SILT, PEAT, LITTLE WOOD AND BRICK FILL	3	
19.0'	PEATY ORGANIC SILT	10	
29.0'	SANDY ORGANIC SILT AND TRACE OF SHELLS	4	
30.0'	SANDY ORGANIC SILT	6	
35.0'	SANDY ORGANIC SILT AND SHELLS	7	
41.0'	STIFF YELLOW CLAY	8	
45.0'		7	
		6	

Elev. 24.0'±

0.0'	BALLAST FILL	8	
1.5'			SAND & GRAVEL FILL
2.0'	FINE SAND & SOME COARSE GRAVEL FILL	7	BLOWS 4/.5'
8.0'	FINE TO MEDIUM SAND & FILL	6	
10.0'	FINE TO MEDIUM SAND & LITTLE FINE TO COARSE GRAVEL FILL	7	
WATER 13.0'			
15.0'	VERY FINE SAND AND SOME COARSE GRAVEL FILL	6	
19.0'	MEDIUM COARSE SAND, SOME MEDIUM COARSE GRAVEL AND BRICK - FILL	19	
25.0'	MEDIUM COARSE SAND, & LITTLE FINE GRAVEL	27	
29.0'	COMPRESSED ORGANIC SILT	29	
31.0'	VERY FINE SILTY SAND	35	
34.0'	HARD YELLOW CLAY	42	
44.0'			
	SANDY	6	

32.0' PISTON No. 1. RECOVERED 24"

ELEVATION

20.0'

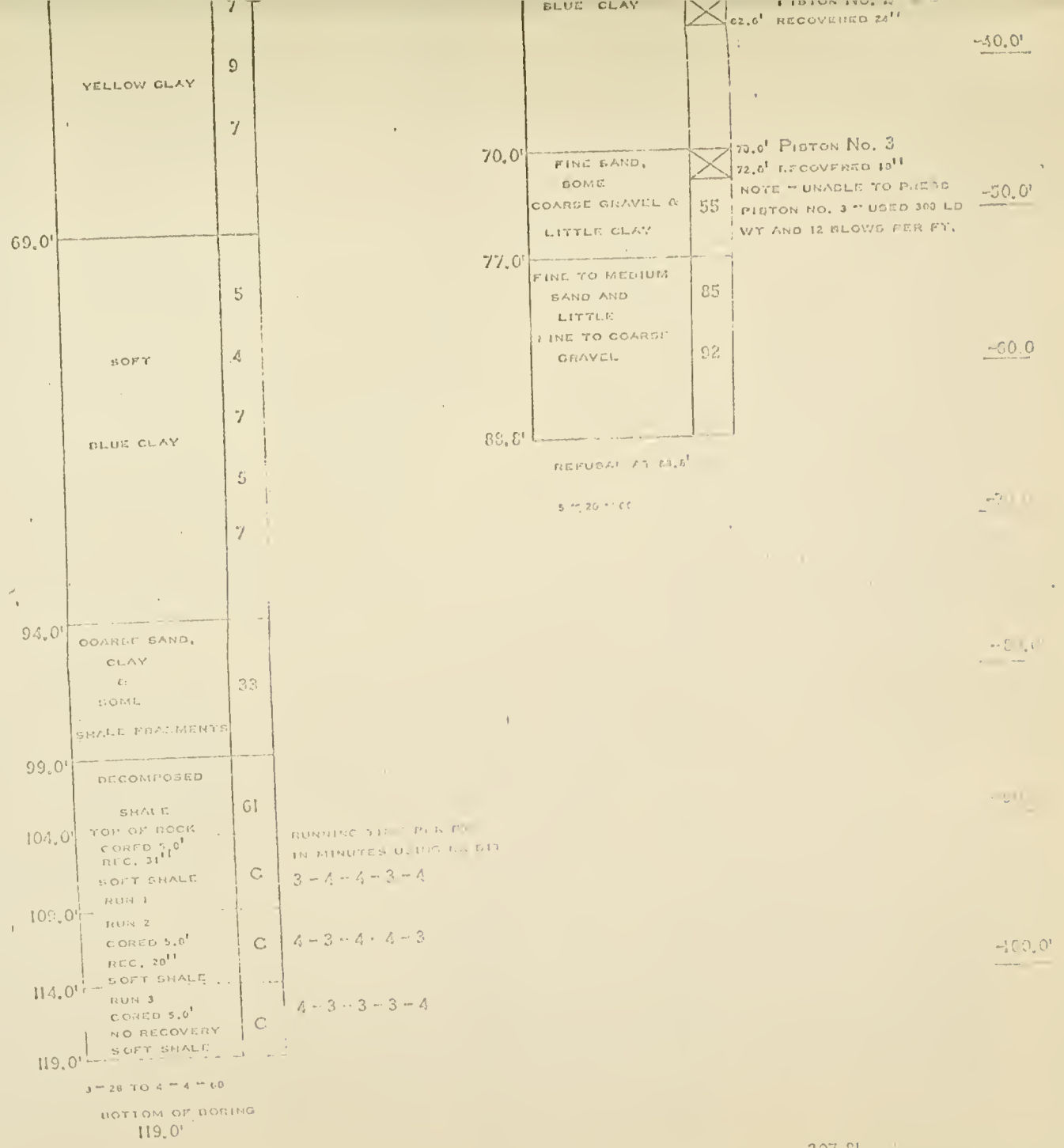
10.0'

0.0'

-10.0'

-20.0

-30.0'



FOOTAGE OF BORING THIS SHEET 207.8'

* INDICATES MUD LOST IN THIS LAYER OF SOIL

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED

HH & JEH

JOB NO B - 2200

BORING REPORT

123

BOSTON

TO Goldberg & Le Messurier & Associates

SITE LOCATION South Postal Annex Addition

SCALE 1"= 8 FT. REFERENCE DATUM FROM INFORMATION ON DRAWINGS.

BORING NO. 22

ELEV. 24.0'±

0.0'	*** FILL	2
1.5'	**** FILL	2
2.5'	FINE TO MEDIUM SAND, LITTLE SILT, SOME FINE TO MEDIUM GRAVEL AND LITTLE CLAY FILL	7
		4
WATER 13.0'		
14.0'	***** FILL	4
15.0'		

*** OILY SAND, SILT AND COARSE GRAVEL.

**** COMPACT FINE TO COARSE SAND, SILT, LITTLE FINE TO COARSE GRAVEL & LITTLE BRICK

***** FINE TO MEDIUM SAND SILT, LITTLE BRICK & LITTLE MEDIUM GRAVEL

REFUSAL AT 15.0'
BENT SPOON & RODS

4 – 11 – 60

BORING NO. 22-A

ELEV. 24.0'±

0.0'	NO SAMPLES	
WATER 12.7'		
15.0'	FINE TO COARSE SAND, CLAY, LITTLE BRICK & LITTLE MEDIUM GRAVEL – FILL	3
20.0'	SANDY CLAY	4
25.0'	SANDY BLUE CLAY	10
28.0'	SANDY BLUE CLAY	9
35.0'	STIFF BLUE CLAY	9
		9
42.0'		

BOTTOM OF BORING
42.0'

4 – 12 – 60

BORING NO. 23

ELEV. 24.0'±

0.0'	SAND, CINDERS, BRICK, CLAY & LITTLE MEDIUM GRAVEL FILL	12
		24
10.0'	SANDY ORGANIC SILT AND SHELLS	3
		3
19.0'	SANDY ORGANIC SILT AND SHALE FRAGMENTS	7
20.0'	SANDY YELLOW CLAY	24
29.0'	VERY STIFF YELLOW CLAY	13
32.0'	STIFF BLUE CLAY	10
		9
40.0'		

BOTTOM OF BORING
40.0'

4 – 12 – 60

BORING NO. 24

ELEV. 24.0'±

1.0'	*** FILL	12
	FINE TO COARSE SAND & SOME FINE TO COARSE GRAVEL FILL	10
		7
7.0'	SAND, BRICK & SOME MEDIUM COARSE GRAVEL – FILL	29
WATER 12.5'		
13.0'		

REFUSAL AT 13.0'
200 BLOWS FOR 0.0'

*** OILY SAND AND COARSE GRAVEL FILL

4 – 15 – 60

110.00 FOOTAGE OF BORING THIS SHEET

*INDICATES MUD LOST IN THIS LAYER OF SOIL

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

SHEET ... OF ... FOREMAN EH CLASSIFICATION BY EH & JEH JOB NO. P-2200

BORING REPORT

124

BOSTON

TO ..... GOLDBERG & LEE MASSACHUSETTS ..... BOSTON, MASSACHUSETTS

SITE LOCATION SOUTH POSTAL ANNEX ADDITION ..... BOSTON, MASSACHUSETTS

SCALE 1"= 8 ..... FT. REFERENCE DATUM ..... MEAN HIGH WATER .....

BORING NO. 24 A ..... BORING NO. 24 B ..... BORING NO. 24 C ..... BORING NO. 24 D .....

25

20

10

0

-10

-20

-30

ELEV. 24.0'±

0.0'		
	*** FILL	12
1.5'		
	FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL & LITTLE BRICK - FILL	10
7.0'		
	**** FILL	23
10.0'		

*** OILY SAND AND COARSE GRAVEL.

**** FINE TO COARSE SAND, SOME FINE TO COARSE GRAVEL AND SOME BRICK.

REFUSAL AT 10.0'
200 BLOWS FOR 0.0'

NO GROUND WATER ENCOUNTERED.

4 - 13 - 60

ELEV. 24.0'±

0.0'		
	SAND & GRAVEL	1
1.0'		
	FINE TO MEDIUM SAND & SOME FINE TO MEDIUM GRAVEL FILL	13
10.0'		
	BRICK & COARSE GRAVEL FILL	17
14.0'		
WATER		
15.0'	ORGANIC SILT, SAND & SOME MEDIUM COARSE GRAVEL FILL	7
		5
25.5'		
	***	12
26.0'		
	SANDY	14
	YELLOW CLAY	10
		10
40.0		
41.5'	MOSTLY BLUE CLAY	8

*** PEATY FINE SAND & TRACE OF SHELLS.

BOTTOM OF BORING 41.5'

WATER READING TAKEN ON 4 - 14 - 60

4 - 15 - 60

ELEV. 24.0'±

0.0'		
	SAND & GRAVEL	7
1.5'		
	MEDIUM SAND & SOME COARSE GRAVEL - FILL	12
5.0'		
	FINE TO MEDIUM SAND FILL	7
		7
14.0'		
WATER		
17.0'	FINE TO COARSE SAND AND LITTLE FINE GRAVEL FILL	3
		6
22.0'	FINE SAND AND ORGANIC SILT	8
24.0'		

REFUSAL AT 24.0'
175 BLOWS FOR 0.0'

WATER READING TAKEN ON 4 - 17 - 60

4 - 16 - 60

ELEV. 23.0'±

0.0'		
	NO SAMPLES	
5.0'		
	FINE TO MEDIUM SAND & LITTLE FINE GRAVEL	10
10.0		
	SANDY ORGANIC SILT, WOOD & LITTLE MEDIUM GRAVEL FILL	20
WATER		
14.0'		14
20.0'		

CASING BROKE OFF COULD NOT WASH OUT.

WATER READING TAKEN ON 4 - 15 - 60

4 - 16 - 60

W INDICATES MUD LOST IN THIS LAYER OF SOIL ..... BASE OF BORING THIS SHEET 30.0'

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" OD - 1" SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

SHEET 1 OF 1 FOREMAN ..... CLASSIFICATION BY ..... JOB NO. 22,800

BORING REPORT C. L. GULD CONSTRUCTION CO., INC. BORING REPORT

25 BOSTON AT PROVIDENCE

TO Goldberg Le Messurier & Associates BOSTON, MASSACHUSETTS

SITE LOCATION South Postal Annex Addition BOSTON, MASSACHUSETTS

SCALE 1"=3 Ft. REFERENCE DATUM FROM INFORMATION ON DRAWING

BORING NO. 25 B | BORING NO. 26 | BORING NO. 27 | BORING NO.

ELEV. 3.3'

0.0'	NO SAMPLES	
5.0'	FINE TO COARSE SAND & SOME FINE TO COARSE GRAVEL - FILL	9
10.5'	SANDY ORGANIC SILT,	10
	BRICK,	6
WATER 17.9'	WOOD, CLAY, AND SHELLS	7
	FILL	19
		6
33.0'	ORGANIC SILT AND SHELLS	2
35.0'	ORGANIC SILT AND PEAT	6
36.5'	HARD, SANDY, YELLOW CLAY	26
41.5'		24

BOTTOM OF BORING 41.5'

4 - 15 - 60

WATER READING TAKEN ON 4-15-60 AT 2 P. M.

ELEV. 23.0'

0.0'	CINDERS & GRVL	
1.0'	FINE TO COARSE SAND AND LITTLE FINE TO MEDIUM GRAVEL FILL	12
		13
		12
13.0'		
WATER 14.4'	SAND, BRICK, WOOD AND COARSE GRAVEL FILL	10
20.0'	SANDY	3
	ORGANIC SILT, SHELLS AND TRACE OF PEAT	3
		3
		3
		4
43.0'	VERY STIFF YELLOW & BLUE CLAY	21
		21
50.0'	STIFF YELLOW CLAY	12
54.0'	MEDIUM BLUE CLAY	6
60.5'		6

BOTTOM OF BORING 60.5'

ELEV. 24.2'

1.0'	CINDERS & GRVL	
	FINE TO MEDIUM SAND AND SOME FINE TO COARSE GRAVEL FILL	20
		24
		0
13.0'		
WATER 13.0'	SAND, BRICK, SHELL, SILT & MEDIUM GRAVEL	3 FILL
18.0'	CLAY, SAND, SILT AND LITTLE MEDIUM COARSE GRAVEL	16
		0
24.0'	SAND, SILT, BRICK & SOME COARSE GRAVEL FILL	12
28.0'	SANDY	3
	ORGANIC SILT AND TRACE OF SHELL	3
		2
43.0'	SILTY PEAT	1
44.0'	SILTY CLAY AND LITTLE PEAT	5
49.0'	YELLOW & BLUE CLAY	16
65.0'	MEDIUM BLUE CLAY	8
		8

4 - 15 - 60

WATER READING TAKEN ON 4 - 20 - 60 AT 10 A. M.

*INDICATES MUD LOST IN THIS LAYER OF SOIL..... FOOTAGE OF BORINGS THIS SHEET.....

WATER READING INDICATES SURFACE OF WATER AT COMPLETION OF BORING UNLESS NOTED OTHERWISE. FIGURES IN LOG COLUMN INDICATE NUMBER OF BLOWS TO DRIVE 2" SPLIT SAMPLER 12 INCHES WITH 140 LB. WEIGHT FALLING 30 INCHES UNLESS OTHERWISE SPECIFIED.

SHEET OF FOREMAN EM CLASSIFICATION BY MK & MM JOB NO. E-2203

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